

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	986	(417/571).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/02 21:24
S2	883	(417/540).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/02 22:35
S3	657	(417/567).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/02 21:24
S4	4	("2309833" "2463766").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 21:53
S5	5	("2161769" "4911614" "5074768" "5380176").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 21:58
S6	8	("5577901").URPN.	USPAT	OR	ON	2006/09/02 21:58
S7	19	("4392788" "4583922" "4813852" "4930995" "5129792" "5342178" "5674054" "5702236" "5733107" "5762476" "6012905" "6012908" "6045342" "6146106" "6176687" "6250892" "6318972" "6386846" "6705843").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 22:36
S8	19	("4392788" "4583922" "4813852" "4930995" "5129792" "5342178" "5674054" "5702236" "5733107" "5762476" "6012905" "6012908" "6045342" "6146106" "6176687" "6250892" "6318972" "6386846" "6705843").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 22:42
S9	2	("4109749" "4583922").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 22:51
S10	1673	first near2 discharge near2 chamber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 22:52

EAST Search History

S11	1843	second near2 discharge near2 chamber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 22:52
S12	459	S10 same S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/04 20:54
S13	794586	piston or plunger	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 22:52
S14	70	S12 same S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 22:57
S15	690	TYLER-CHERYL-J or TYLER-CHERYL	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 22:57
S16	4	S15 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 22:57
S17	2	("4610604" "5139392").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 22:58
S18	3	("3187991").URPN.	USPAT	OR	ON	2006/09/03 19:50
S19	1673	first near2 discharge near2 chamber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/04 20:54
S20	1843	second near2 discharge near2 chamber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/04 20:54
S21	459	S19 same S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/04 20:54
S22	12	("3817661" "4930995" "4936754" "5244355" "5466129" "5645405" "5702236" "5704769" "6293768" "6382938" "6390786" "6402483").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/04 20:56
S23	2	("4109749" "4583922").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/04 21:04

EAST Search History

S24	14	("4930995").URPN.	USPAT	OR	ON	2006/09/04 21:38
S25	2	("5112198").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/04 21:38
S26	8	("5577901").URPN.	USPAT	OR	ON	2006/09/06 11:14
S27	15	("1986831" "2043849" "2109541" "2908287" "3375972" "4723896" "5249939" "5454397" "5456287" "5577901").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 11:15
S28	20	("3375972").URPN.	USPAT	OR	ON	2006/09/06 11:18
S29	15	("1986831" "2043849" "2109541" "2908287" "3375972" "4723896" "5249939" "5454397" "5456287" "5577901").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 11:20
S30	3	("4854839" "5542824" "5577901").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 11:27
S31	1523417	cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:27
S32	148804	gasket	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:27
S33	35106	valve near2 plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:27
S34	508	S31 same S32 same S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:29
S35	344581	partition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:29
S36	2022	S32 same S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:29

EAST Search History

S37	40	S34 same S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:30
S38	4	("4690619").URPN.	USPAT	OR	ON	2006/09/06 11:32
S39	2	("4290345" "4392788").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 11:32